

DaimlerChrysler AG

Patent claims

5 1. A safety device for in particular nonrailborne
vehicles (9), having a monitoring device (24) which
monitors a hazardous area (15) in order to detect
obstacles (32) in the hazardous area (15), and brings
about an output signal when an obstacle (32) is
10 detected in the hazardous area (15), characterized in
that the monitoring device (24) additionally monitors
the road area (16), located on the opposite side of the
hazardous area (15) viewed from the vehicle (9) and
adjoining the hazardous area (15), for obstacles (32)
15 and brings about an output signal if an obstacle (32)
which prevents the hazardous area (15) being traveled
through completely has been detected.

2. The safety device as claimed in claim 1,
20 characterized in that the monitoring device (24) has
an, in particular, optical sensor device (22).

3. The safety device as claimed in claim 2,
characterized in that the sensor device is formed by a
25 camera arrangement (41).

4. The safety device as claimed in one of the
preceding claims, characterized by the arrangement in
the vehicle (9).
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5. The safety device as claimed in one of claims 1 to
3, characterized in that at least parts of the
monitoring device (24) are arranged in a fixed fashion
in the vicinity of the hazardous area (15).
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6. The safety device as claimed in claim 5 in
conjunction with claim 2 or 3, characterized in that
the sensor device (22, 41) is arranged in a fixed

fashion in the vicinity of the hazardous area.

7. The safety device as claimed in one of the preceding claims, characterized in that the monitoring
5 device (24) has an evaluation device (23, 23') which receives and evaluates the sensor signals of the sensor device (22) in order to detect an obstacle (32) in the monitored space (15, 16).

10 8. The safety device as claimed in one of the preceding claims, characterized in that the output signal which is brought about by the monitoring device (24) triggers a driver warning using display means (26).

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9. The safety device as claimed in one of the preceding claims, characterized in that the output signal which is brought about by the monitoring device (24) triggers an automatic braking process of the
20 vehicle (9) in such a way that the vehicle (9) comes to a standstill before it enters the hazardous area (15).